



### **[ABSTRACT]**

A multi-domain liquid crystal display device that is capable of forming a multi-domain by using a gate line.

In the device, a data signal is applied to the data line and a gate signal is applied to gate lines crossing the data lines. Pixel electrodes drive a liquid crystal. Switching devices are arranged at each intersection between the gate lines and the data lines and are connected to the pixel electrodes. Auxiliary electrode lines are extended vertically from the gate lines to control an orientation of the liquid crystal with the gate lines.

Accordingly, the gate line is used as the auxiliary electrode line, so that an aperture ratio can be improved. Also, a resistance component is reduced, so that problems of the brightness non-uniformity and the generation of a flicker and a residual image, etc. caused by a voltage deviation can be overcome.

### **[REPRESENTATIVE DRAWING]**

Fig. 4